Biometrics Program
Briefing Summary

Speaker: Acting Director
DoD BMO
Event: Biometrics Consortium 2002: February 14, 2002

DoD BMO Mission and Vision Statements:

Mission: The Biometrics Management Office (BMO) – as the DoD proponent for biometrics – will lead, consolidate, and coordinate the development, adoption and institutionalization of biometric technologies in CINCs/Services/Agencies, to enhance Joint Service interoperability and warfighter operational effectiveness.

Vision: By 2012, biometrics will be the universally empowering technology that ensures the right person with the right privileges has access at the right time to support warfighting dominance.

Biometrics can enable/enhance:
- Information Assurance
- POW and refugee processing
- Weapons control
- Battlefield sensitive area access
- Force protection & access control
- Intelligence
- Coalition operations
- Section 508
- Common Access Card
- Healthcare

Requirements for Commercial Technology:
- Approved by BMO
- Low cost
- Integrates CBT
- Minimum bandwidth impact
- Operates in the office
- Operates in MOPP 4
- Common Criteria Compliant
- NIAP Certified

Standards of Compliance:
- Existing standards that DoD can leverage off of industry:
  - BioAPI, CBEFF, X9.84, X.509
- DoD requirements:
  - Encryption – Storage and/or transmission
  - Liveness – Standardized definition
  - Template Storage – No 3rd party will store DoD Templates
  - NIAP – Protection Profile (Low, Medium, High)
  - Section 508 – Support equal access for disabled

On-going Efforts:
- Policy
- Protection Profile
- Test & Evaluation
- Biometrics on the CAC
- Education
- Quick Looks $\rightarrow$ Pilots
- Cost Benefit Analysis

Challenges:
- Broad, cross platform support for devices
- BioAPI validation suite for all platforms
- Integration of biometrics with PKI & CAC
- Low power sensors for wireless devices
- Faster enrollment and response time including processing and matching
- Small, compact translation software to allow multiple vendor use of a single template
- Rugged devices for harsh environments
- Template ageing
- Solid liveness test for all biometric technologies
- Verified value of using multimodal vs. single mode for unclassified and classified systems